BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

PRE MEASUREMENT

BILL NO FIRST AND FINAL

Measurement Recorded on :

Item no	From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
1	Earth work in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.50m. excavated surface levelled and neatly dressed , disposed earth to be levelled after breaking of clods and neatly dressed as per specifications							
		Cum						
	For Fixing Gym items		1	22.40	9.05	0.30	60.82	(13.00+5.10)/2
	(Tata Nagara park)		1	10.00	2.70	0.30	8.10	
			1	10.60	2.60	0.30	8.27	
	For Fixing Gym items		9	0.60	0.60	0.30	0.97	
					Total		78.16	
				Qty Limited To			77.85	

Assistant Executive Engineer
Contractor
Kathacaryanapura Sub-Division
KRIDL, BBMP, Bangalore

Asst. Engineer(Project) 20/2/19 Asst. Executive Engineer (Project)
20/2/2019

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

PRE MEASUREMENT

RA BILL NO FIRST AND FINAL

Measurement Recorded on :

Item no	From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
2	Providing and laying in position plain cement concrete of Mix CC 1:4:8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation including cost of all materials, labour HOM of machinery curing complete as per specification,							
		CUM						
	For Fixing Gym items		1	22.40	9.05	0.15	30.41	(13.00+5.10)/2
			1	10.00	2.70	0.15	4.05	
			1	10.60	2.60	0.15	4.13	
						Total Qty	38.59	

Assistant Executive Engineer
Contractor
Narayanapura Sub-Division
CRRDL, BBMP, Bangalore

TENUS CONSULTANTS

22/2/19

Asst. Engineer(Project)

Asst. Executive Engineer (Project)

22/2/2019

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

PRE MEASUREMENT

BILL NO FIRST AND FINAL

Measurement Recorded on :

Item no	From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
4	Providing and laying in position plain cement concrete of Mix CC 1:2:4 with OPC cement @ 240 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ .549 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation including cost of all materials, labour HOM of machinery curing complete as per specification,							
		CUM						
	For Fixing Gym items		1	22.40	9.05	0.10	20.27	(13.00+5.10)/2
			1	10.00	2.70	0.10	2.70	
			1	10.60	2.60	0.10	2.76	
	For Fixing Gym items		9	0.60	0.60	0.40	1.30	
	Fixing Kerb		1	23.40	0.30	0.10	0.70	
			1	21.40	0.30	0.10	0.64	
			1	13.00	0.30	0.10	0.39	
			1	5.10	0.30	0.10	0.15	
			2	10.00	0.30	0.10	0.60	
			2	10.60	0.30	0.10	0.64	
					Total Qty		30.15	

Contractor

Asst. Engineer(Project) 26/02/19

Asst. Executive Engineer (Project)

26/02/2015

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

PRE MEASUREMENT

BILL NO FIRST AND FINAL

Item no	chainage From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
1	Earth work in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.50m. excavated surface levelled and neatly dressed , disposed earth to be levelled after breaking of clods and neatly dressed as per specifications							
		Cum						
	Oty vide Pre measurement sheet page no . 1						77.85	
						Total Qty	77.85	
2	Providing and laying in position plain cement concrete of Mix CC 1:4:8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation including cost of all materials, labour HOM of machinery curing complete as per specification,							
		CUM						
	Oty vide Pre measurement sheet page no . 2						38.59	
						Total Qty	38.59	

Asst. Executive Engineer, BBMP, Bangalore

Asst. Engineer(Project) 30/3/19

Asst. Executive Engineer (Project) 30/3/2019

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

[redacted] MEASUREMENT

BILL NO FIRST AND FINAL

Item no	chainage From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
3	Providing and fixing Pre cast solid concrete kerb stones made out of CC1:2:4 and finished with CM 1:3 plastering and finishing curing etc., complete size 450x200x400mm and as per the direction of engineer in charge of work							
		No						
	Fixing Kerb Tatanagara park.		1	23.40			23.40	
			1	21.40			21.40	
			1	13.00			13.00	
			1	5.10			5.10	
			2	10.00			20.00	
			2	10.60			21.20	
							104.10	
			(104.10/.45)				231.33	
					Total Qty		**231.00**	
4	Providing and laying in position plain cement concrete of Mix CC 1:2:4 with OPC cement @ 240 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ .549 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation including cost of all materials, labour HOM of machinery curing complete as per specification,							
		CUM						
	Oty vide Pre measurement sheet page no . 3						30.15	
					Total Qty		**30.15**	

Contractor

Asst. Executive Engineer
Vijayanagar Sub-Division
BBMP, Bangalore

Asst. Engineer(Project) 30/3/19.

Asst. Executive Engineer (Project) 30/3/19

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

~~FFE~~ MEASUREMENT

BILL NO FIRST AND FINAL

	chainage							
Item no	From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
5	Providing and fixing cement base precast, pre-polished cement concrete designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, gridding the edge to half/full round wherever required, labour curing complete as per specification.							
		Sqm						
	Tata nagar Park		1	22.40	9.05		202.72	
			1	10.00	2.70		27.00	
			1	10.60	2.60		27.56	
	Deduction		-9	0.60	0.60		-3.24	
					Total Qty		**254.04**	
6	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.							
		Sqm						
	For Kerb stone		1	23.40		0.40	9.36	
			1	21.40		0.40	8.56	
			1	13.00		0.40	5.20	
			1	5.10		0.40	2.04	
			2	10.00		0.40	8.00	
			2	10.60		0.40	8.48	
					Total Qty		**41.64**	

Contractor

Asst. Executive Engineer
Nagarabhavi Sub-Division
BDL, BBMP, Bangalore

TEJUS CONSULTANTS

30/3/19
Asst. Engineer(Project)

Asst. Executive Engineer (Project)
30/3/2019

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

MEASUREMENT

BILL NO FIRST AND FINAL

Item no	chainage From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
7	Painting on Concrete Surface KSRRB M2700-12. Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint at of 1 litre for 2 sqm complete as per specifications MORTH Specification No. 800							
		Sqm						
	For Kerb stone		1	23.40		0.40	9.36	
			1	21.40		0.40	8.56	
			1	13.00		0.40	5.20	
			1	5.10		0.40	2.04	
			2	10.00		0.40	8.00	
			2	10.60		0.40	8.48	
					Total Qty		41.64	
8	Supply and fixing of Elliptical Cross Trainer. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.							
		No						
			1				1	
			30/4		Total Qty		1	

Contractor

Asst. Engineer(Project) 30/3/19

Asst. Executive Engineer (Project)
20/3/2019

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

MEASUREMENT

BILL NO FIRST AND FINAL

	chainage							
Item no	From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
9	Supply and fixing of HD Health Walker. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.							
		No						
			1				1	
			30			Total Qty	1	
10	Supply and Fixing of HD Sit Up Station. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.							
		No						
			1				1	
			30			Total Qty	1	

Assistant Executive Engineer
Bangalore Sub Division
BBMP, Bangalore

Asst. Engineer(Project) 30/3/19.

Asst. Executive Engineer (Project)
30/3/2019

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

MEASUREMENT

BILL NO FIRST AND FINAL

	chainage							
Item no	From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
11	Supply and fixing of Self Weighted Rower. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Capacity_1 Person.							
		No						
			1				1	
						Total Qty	1	
12	Supply and Fixing of HD Mini Ski. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.							
		No						
		Checked.	1				1	
						Total Qty	1	

Executive Engineer
Contractor
Sub-Division
BBMP, Bangalore

Asst. Engineer(Project) 30/3/19.

Asst. Executive Engineer (Project)
30/3/2019

BRUHATH BANGALORE MAHANAGARA PALIKE								
NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli								
MEASUREMENT								
	BILL NO FIRST AND FINAL							
	chainage							
Item no	From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
13	Supply and Fixing of Bicycle. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Capacity_1 Persons.							
		No						
			1				1	
					Total Qty		1	
14	Supply and fixing of HD Squat Pushing. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Capacity 2 Persons							
		No						
			1				1	
					Total Qty		1	

Contractor

Executive Engineer
Sub-Division
, BBMP, Bangalore

Asst. Engineer(Project) 30/3/19.

Asst. Executive Engineer (Project)
30/3/2019

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

MEASUREMENT

BILL NO FIRST AND FINAL

	chainage							
Item no	From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
15	Supply and Fixing of Arm & Pedal Bike. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.							
		No						
			1				1	
					Total Qty		1	
16	Supply and fixing of Twist Stepper. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.Capacity_2 Persons.							
		No						
			1				1	
					Total Qty		1	

Contractor

Asst. Executive Engineer
Vijayanapura Sub-Division
BBMP, Bangalore

Asst. Engineer(Project) 30/3/19

Asst. Executive Engineer (Project) 30/3/2019

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

PRE MEASUREMENT

BILL NO FIRST AND FINAL

Item no	chainage From	Unit	nos	L (m)	B (m)	D (m)	Quantity	Remarks
1	2	3	4	5	6	7	8	9
17	Lead for earthwork and disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading for earthwork (upto 10 kms) complete with all lead & lift & as per the direction of the Engineer in charges.							
		Cum						
	Oty vide Pre measurement sheet page no . 1						77.85	
						Total Qty	77.85	

Contractor

Asst. Executive Engineer
Kammanahalli Sub-Division
KRIDL, BBMP, Bangalore

TEJUS CONSULTANTS

30/3/19.

Asst. Engineer(Project)

Asst. Executive Engineer (Pr

30/3/20

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to parks in ward no -08 Kodigehalli

ABSTRACT BILL

RA BILL NO FIRST AND FINAL

Item no	Description of work	Unit	App. Qty	Present		
				Qnty	Rate	Amount
1	Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavted surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications	cum	77.85	77.85	263.94	20547.73
2	Providing and laying in positionp lain cement concrete of Mix CC 1:4;8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour HOM of machinery curing complete as per specification,	cum	38.93	38.59	5408.12	208699.35
3	Providing and fixing precast solid concrete kerb stones made out of No.272.21 CC. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc.,	No	237.00	231.00	467.46	107983.26
4	Providing and laying in position plain cement concrete of Mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.549 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour HOM of machinery curing complete as per specification	cum	30.24	30.15	5647.68	170277.55
5	Providing and fixing cement base precast, pre-polished cement concrete designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortat 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour curing complete as per specification.	sqm	256.26	254.04	1305.92	331755.92

Item no	Description of work	Unit	App. Qty	Present		
				Qnty	Rate	Amount
6	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour	Sqm	42.80	41.64	39.22	1633.12
7	Providing and applying spray painting in two coat (excluding priming coat) over concrete / masonry / asbestos cement sheet /plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.	sqm	42.80	41.64	69.96	2913.13
8	Supply and fixing of Elliptical Cross Trainer. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.	No	1.00	1.00	140000.00	140000.00
9	Supply and fixing of HD Health Walker. Metal. All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded Joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.	No	1.00	1.00	140000.00	140000.00

Item no	Description of work	Unit	App. Qty	Present		
				Qnty	Rate	Amount
10	Supply and Fixing of HD Sit Up Station. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.	No	1.00	1.00	125000.00	125000.00
11	Supply and fixing of Self Weighted Rower. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% Nacl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAI 5019 Blue and RAL 1014 Beige, Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.	No	1.00	1.00	165000.00	165000.00
12	Supply and Fixing of HD Mini Ski. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.	No	1.00	1.00	160000.00	160000.00

Item no	Description of work	Unit	App. Qty	Present		
				Qnty	Rate	Amount
13	Supply and Fixing of Bicycle. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Capacity_1 Persons.	No	1.00	1.00	125000.00	125000.00
14	Supply and fixing of HD Squat Pushing. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Capacity 2 Persons	No	1.00	1.00	215000.00	215000.00
15	Supply and Fixing of Arm & Pedal Bike. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre. assembled equipment modules	No	1.00	1.00	170000.00	170000.00

Item no	Description of work	Unit	App. Qty	Present		
				Qnty	Rate	Amount
16	Supply and fixing of Twist Stepper. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.Capacity_2 Persons.	No	1.00	1.00	180000.00	180000.00
17	Lead for earthwork and disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading for earthwork (upto 10 kms) complete with all lead & lift & as per the direction of the Engineer in charges. (S.R.of PW,P & IWTD, SR 2016-17	cum	77.85	77.85	99.64	7756.97
	Total					**2271567.04**
	Add 4 % KRIDL Charges					**90862.68**
	12% GST On SR Items					**102188.04**
					TOTAL	**2464617.76**

Asst / Junior Engineer 30/3/15.
Project Division

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Asst Executive Engineer
Project Division
30/3/2015